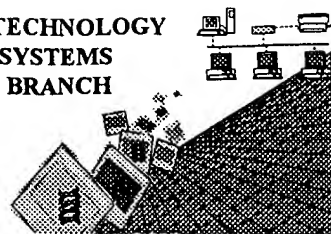


BIOTECHNOLOGY
SYSTEMS
BRANCH



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/857,524
Source: P4/09
Date Processed by STIC: 7/15/2002

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FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

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Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)

2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202

3. Hand Carry directly to:

U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name,
Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202

Or

U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two,
2011 South Clark Place, Arlington, VA 22202

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Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 01/29/2002



PCT09

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/857,524

DATE: 07/15/2002

TIME: 12:09:01

Input Set : A:\PTO.VSK.txt

Output Set: N:\CRF3\07152002\I857524.raw

3 <110> APPLICANT: E. I. du Pont de Nemours and Company
 5 <120> TITLE OF INVENTION: Membrane-Bound Desaturases
 7 <130> FILE REFERENCE: BB1264
 9 <140> CURRENT APPLICATION NUMBER: US/09/857,524
 10 <141> CURRENT FILING DATE: 2002-06-21
 12 <150> PRIOR APPLICATION NUMBER: 60/110,784
 13 <151> PRIOR FILING DATE: 1998-December-03 1998-12-03 ← use this date format
 15 <160> NUMBER OF SEQ ID NOS: 17
 17 <170> SOFTWARE: Microsoft Office 97

Does Not Comply
Corrected Diskette Needed

ERRORED SEQUENCES

987 <210> SEQ ID NO: 14
 988 <211> LENGTH: 38 35 shown
 989 <212> TYPE: DNA
 990 <213> ORGANISM: Artificial Sequence
 992 <220> FEATURE:
 993 <223> OTHER INFORMATION: Definition of Artificial Sequence: PCR primer for 5' of
 pk0011.d5
 995 <400> SEQUENCE: 14
 E--> 996 ttgcggccg caaatcaatg gaagaagcaa agaag
 1082 <210> SEQ ID NO: 17
 1083 <211> LENGTH: 114
 1084 <212> TYPE: PRT
 1085 <213> ORGANISM: Triticum aestivum
 1087 <400> SEQUENCE: 17
 1088 Met Pro Ala Ala Ser Lys Asp Ala Ala Asp Val Arg Met Ile Ser Thr
 1089 1 5 10 15
 1091 Lys Glu Leu Gln Ala His Ala Ala Ala Asp Asp Leu Trp Ile Ser Ile
 1092 20 25 30
 1094 Ser Gly Asp Val Tyr Asp Val Thr Pro Trp Leu Arg His His Pro Gly
 1095 35 40 45
 1097 Gly Glu Val Pro Leu Ile Thr Leu Ala Gly Gln Asp Ala Thr Asp Ala
 1098 50 55 60
 1100 Phe Met Ala Tyr His Pro Pro Ser Val Arg Pro Leu Leu Arg Arg Phe
 1101 65 70 75 80
 1103 Phe Val Gly Arg Leu Thr Asp Tyr Thr Val Pro Pro Ala Ser Ala Asp
 1104 85 90 95
 1106 Phe Arg Arg Leu Leu Ala Gln Leu Ser Ser Ala Gly Leu Phe Glu Arg
 1107 100 105 110
 1109 Val Gly
 E--> 1111 19 delete

Use of n and/or Xaa has been detected in the Sequence Listing.
 Review the Sequence Listing to insure a corresponding
 explanation is presented in the <220> to <223> fields of
 each sequence using n or Xaa.

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/857,524

DATE: 07/15/2002

TIME: 12:09:02

Input Set : A:\PTO.VSK.txt

Output Set: N:\CRF3\07152002\I857524.raw

L:9 M:270 C: Current Application Number differs, Replaced Application Number
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:13 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD
L:52 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:1
L:52 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:1380
L:353 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:5
L:353 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:480
L:355 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:5
L:355 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:600
L:356 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:5
L:356 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:660
L:357 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:5
L:357 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:720
L:358 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:5
L:358 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:780
L:359 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:5
L:359 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:840
L:421 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:6
L:421 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:160
L:427 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:6
L:427 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:192
L:436 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:6
L:436 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:240
L:996 M:252 E: No. of Seq. differs, <211> LENGTH:Input:38 Found:35 SEQ:14
L:1067 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:16
L:1067 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0
L:1075 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:16
L:1075 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:480
L:1078 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:16
L:1078 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:660
L:1079 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:16
L:1079 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:720
L:1080 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:16
L:1080 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:780
L:1111 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:17